


Product				
Mfr Item Number	Mfr Item Name	Version	Mfr Site	Date
STM32H735VGY6TR	T1JF*483XXXZ	A	996S	24-03-2020
	Amount	UoM	Unit type	ST ECOPACK Grade
	19.26	mg	Each	ECOPACK® 2
	Comment	ECOPACK® 2 is STMicroelectronics trade name for ROHS compliant device without Brominated and Chlorinated compound (900ppm) and without Antimony oxide flame retardant (in each organic material)		

Manufacturing information				
J-STD-020 MSL Rating	Classification Temp	Nbr of Reflow Cycles		 life.augmented
1	260	3		
bulk Solder Termination	Terminal Plating	Terminal Base Alloy	Comment	
Tin/Silver/Copper (SAC405)	NAC	NAC		

Package Designator	Size	Nbr of instances	Shape	
WL CSP	Not Applicable	115	No lead	
Comment	Package : B08U WL CSP 115 DIE 483 PITCH 0.35 DM00499689			

QueryList : RoHS Directive 2011/65/EU-July 2011 – Annex II amended by Directive 2015/863-April 2015	
Query	Response
1 - Product(s) meets EU RoHS requirement without any exemptions	TRUE
2 - Product(s) meets EU RoHS requirements except lead in solder and this usage may qualify under the lead in solder '7b' exemption (other selected exemptions may apply)	FALSE
3 - Product(s) meets EU RoHS requirements by application of the selected exemption(s)	FALSE
4 - Product(s) does not meet EU RoHS requirements and is not under exemptions	FALSE
Exemption Id.	Description

QueryList : REACH-16th July 2019				
Query				Response
1 - Product(s) does not contain REACH Substances Of Very High Concern above the limits per the definition within REACH				TRUE
CategoryLevel_Name	CategoryLevel_Threshold	amount in product (mg)	Application	ppm in product

Material Composition Declaration :						Mfr Item Name	T1JF*483XXXZ				8999999.0	1170950.4
note : Substance present with less 0.001mg will not be declared in this document												
Homogeneous Material	Material Group	Mass	UoM	Level	Substance Category	Substance	CAS	Exempt	Mass	UoM	Concentration in homogeneous material (ppm)	Concentration in product (ppm)
Die or dies	M-011 Other inorganic materials	12.814	mg	supplier	die	Silicon (Si)	7440-21-3		12.314	mg	960980	639476
				supplier	metallization	Aluminium (Al)	7429-90-5		0.059	mg	4604	3064
				supplier	metallization	Copper (Cu)	7440-50-8		0.186	mg	14515	9659
				supplier	passivation	Nickel (Ni)	7440-02-0		0.001	mg	78	52
				supplier	metallization	Tantalum (Ta)	7440-25-7		0.030	mg	2341	1558
				supplier	metallization	Titanium (Ti)	7440-32-6		0.005	mg	390	260
				supplier	metallization	Tungsten (W)	7440-33-7		0.001	mg	78	52
Plating Seed layer 1	M-011 Other inorganic materials	0.018	mg	supplier	Passivation	Silicon Oxide	7631-86-9		0.218	mg	17013	11321
				supplier	Alloy	Ti	7440-32-6		0.004	mg	200963	188
				supplier	Alloy	Cu	7440-50-8		0.014	mg	799037	746
Re-passivatipon layer	M-011 Other inorganic materials	0.131	mg	supplier	Polymer	4-Butyrolactone	96-48-0		0.118	mg	900000	18326
				supplier	Polymer	1-Methoxy-2-propyl acetate	108-65-6		0.013	mg	100000	2036
Redistribution Layer	M-011 Other inorganic materials	0.474	mg	supplier	Alloy	Cu	7440-50-8		0.474	mg	1000000	73622
Plating Seed layer 2	M-011 Other inorganic materials	0.010	mg	supplier	Alloy	Ti	7440-32-6		0.002	mg	200963	318
				supplier	Alloy	Cu	7440-50-8		0.008	mg	799037	1265
Re-passivatipon layer	M-011 Other inorganic materials	0.140	mg	supplier	Polymer	4-Butyrolactone	96-48-0		0.126	mg	900000	19555
				supplier	Polymer	1-Methoxy-2-propyl acetate	108-65-6		0.014	mg	100000	2173
UBM	M-011 Other inorganic materials	0.350	mg	supplier	Alloy	Cu	7440-50-8		0.350	mg	1000000	54379
Solder ball SAC405	Solder	4.768	mg	supplier	Solder	Sn	7440-31-5		4.554	mg	955000	236483
				supplier	Solder	Ag	7440-22-4		0.191	mg	40000	9905
				supplier	Solder	Cu	7440-50-8		0.024	mg	5000	1238
Back Side Coating LC2850	M-011 Other inorganic materials	0.549	mg	supplier	Polymer	Polybutylene terephthalate (PBT)	25038-59-9		0.357	mg	650000	55428
				supplier	Polymer	Silica	Proprietary		0.107	mg	195000	16628
				supplier	Polymer	Proprietary Material-Other Epoxy resins	Proprietary		0.041	mg	75000	6396
				supplier	Polymer	Proprietary Material-Other Acrylic resins	Proprietary		0.041	mg	75000	6396
				supplier	Polymer	Carbon black	1333-86-4		0.003	mg	5000	426